Left or Right Foot?

Felipe Nunes Menegotto

Dataset(s)

In this work, I used this dataset:

- Soccer Dataset

Motivation

Here in Brazil there is an idea that left-footed players are more skillful than right-footed ones. This may be related to the history of football and the observation of great players who played with their left leg in football history. The example of Maradona and Messi from Argentina are very strong. In Brazil we have always had very skilled left-footed players, like Rivelino and Rivaldo. So, there may seem to be a pattern.
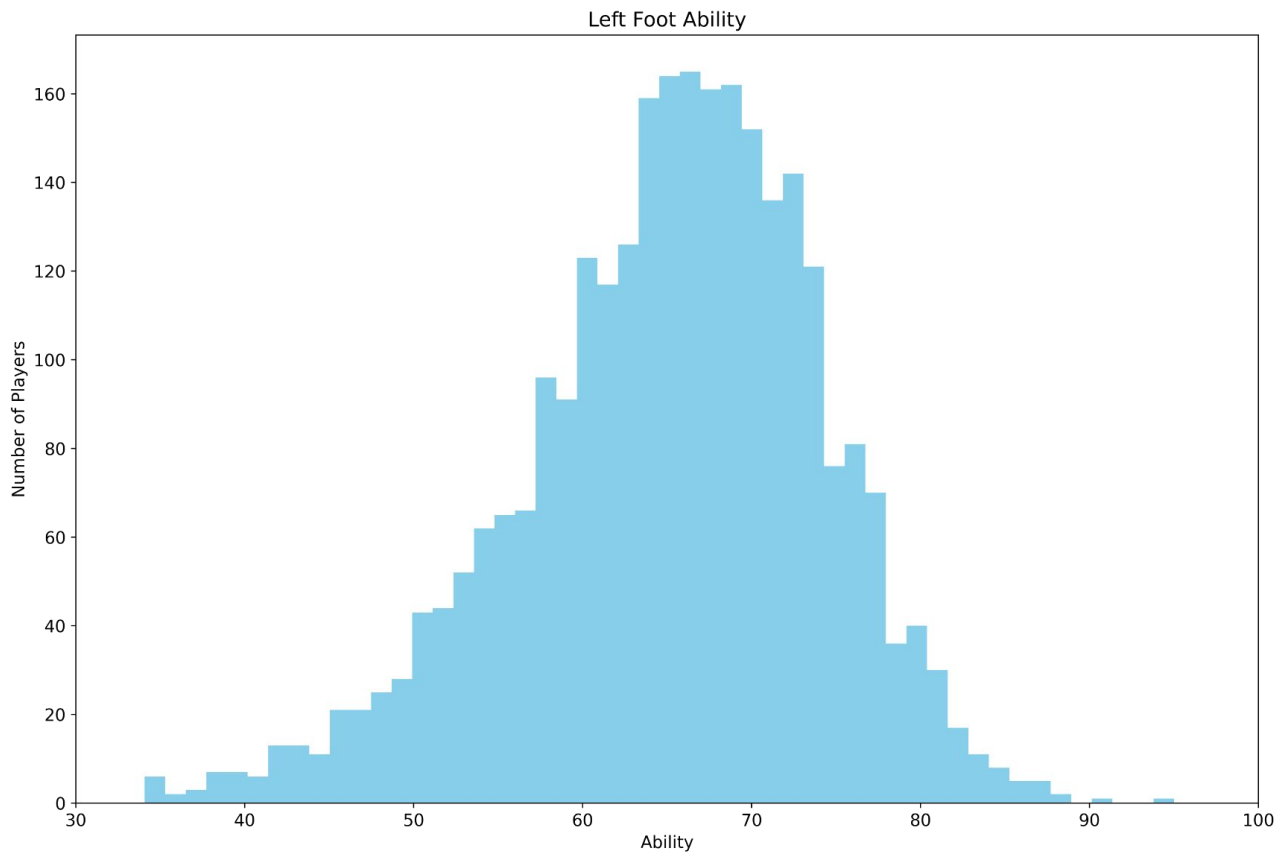
Research Question(s)

Is left-footed players more skillful than right-footed ones?

Findings

Based on:

- 10,280 players analyzed
    - FIFA game ratings
        - Ability defined as the average of:
            - Dribbling, Agility, Balance and Ball Control
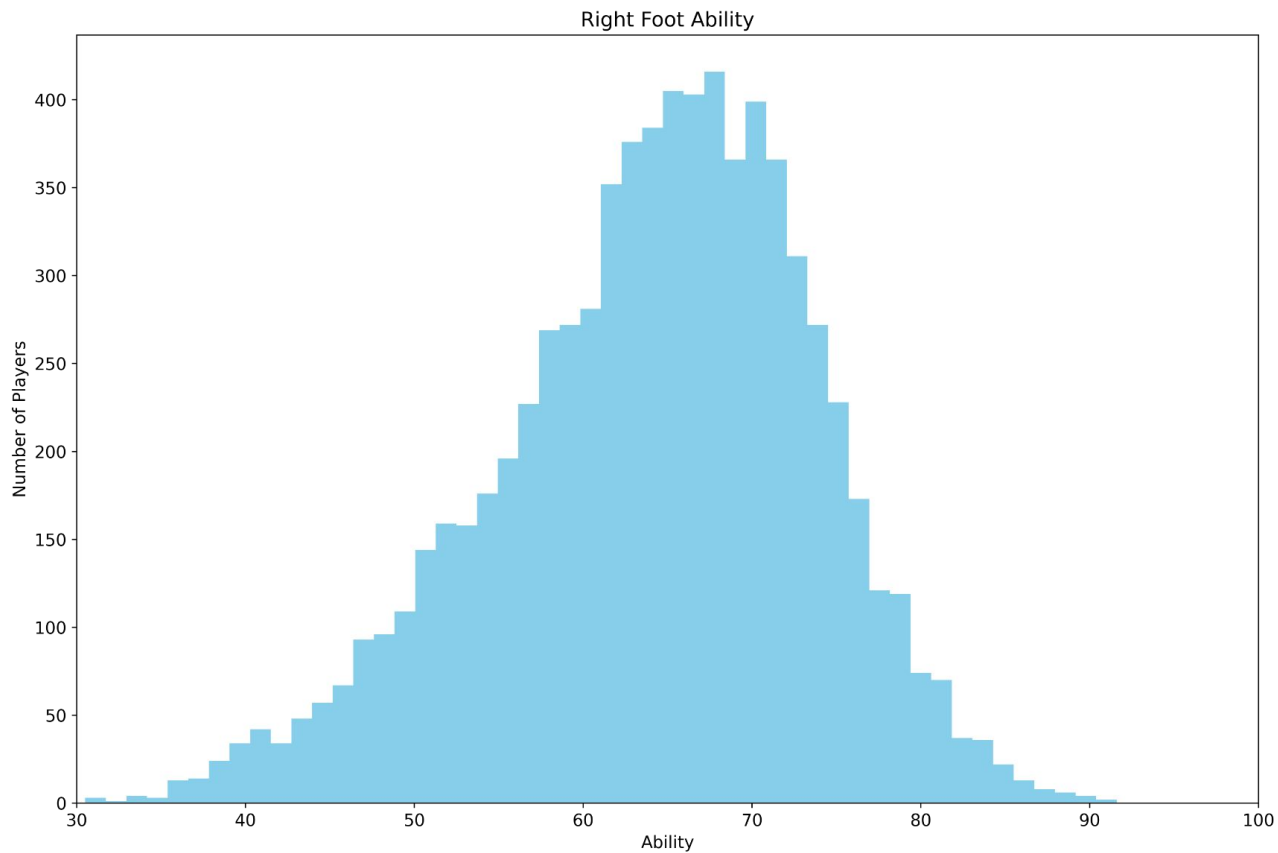   - Excluded goalkeepers by filtering them out

Left Foot Ability

Number of Players
2793

Average
65.2

Standard Deviation
8.9

Maximum
95.0

Right Foot Ability

Number of Players
7487

Average
64.1

Standard Deviation
9.5

Maximum
91.6

Findings

There was no important difference between groups found.

Code to Help Colleagues

My Jupyter Notebook available on:

https://github.com/meneguinha/soccer_analysis